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## OM protein - protein search, using sw model

Run on: March 24, 2003, 15:50:39 ; Search time 5.78485 seconds

(without alignments)  
422.155 Million cell updates/sec

Title: US-09-988-971-2 COPY\_94\_176

Perfect score: 446  
Sequence: 1 WLVEGLSRKAEELLPGN.....WLXISPLTFLPSLQALVDHY 83Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 262574 seqs, 29422922 residues

Total number of hits satisfying chosen parameters: 262574

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000Post-processing: Minimum Match 0%  
Maximum Match 100%

Listing first 45 summaries

Database : Issued Patents AA:\*  
1: /cgn2\_6/ptodata/2/1aa/5A.COMB.pep:\*  
2: /cgn2\_6/ptodata/2/1aa/5B.COMB.pep:\*  
3: /cgn2\_6/ptodata/2/1aa/6A.COMB.pep:\*  
4: /cgn2\_6/ptodata/2/1aa/6B.COMB.pep:\*  
5: /cgn2\_6/ptodata/2/1aa/PTC05.COMB.pep:\*  
6: /cgn2\_6/ptodata/2/1aa/Backfile1.pep:\*

Pred. No. is the number of results predicted by chance to have a  
score greater than or equal to the score of the result being printed,  
and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	Query	Match Length	ID	Description
1	254	57.0	98	2	US-08-479-078-7
2	254	57.0	505	4	US-08-426-509A-17
3	254	57.0	505	5	PCT-US95-05008-17
4	244	54.7	98	2	US-08-479-078-6
5	242	54.3	512	4	US-08-426-509A-16
6	242	54.3	512	5	PCT-US95-05008-16
7	228	51.1	98	2	US-08-479-078-5
8	228	51.1	98	4	US-08-975-040-22
9	228	51.1	101	2	US-08-574-959A-5
10	228	51.1	101	4	US-09-357-014-5
11	228	51.1	108	5	PCT-US94-01840-6
12	228	51.1	224	1	US-08-707-793A-6
13	228	51.1	224	1	US-08-707-793A-6
14	228	51.1	509	3	US-09-039-555B-17
15	228	51.1	509	4	US-08-426-509A-18
16	228	51.1	509	4	US-09-457-040B-8
17	228	51.1	509	5	PCT-US95-05008-18
18	227	50.9	98	1	US-08-308-086-4
19	227	50.9	99	1	US-08-202-389-18
20	224.5	50.3	97	2	US-08-479-078-8
21	224.5	50.3	98	1	US-08-202-389-39
22	224.5	50.3	499	4	US-08-426-509A-19
23	224.5	50.3	499	5	PCT-US95-05008-19
24	222.5	49.9	102	2	US-08-820-754-24
25	222.5	49.9	102	3	US-08-956-652-24
26	222.5	49.9	102	3	US-08-956-659-24
27	222.5	49.9	102	3	US-08-948-547-24

28	214	48.0	94	2	US-09-006-675-6	Sequence 6, Appl
29	214	48.0	94	4	US-09-228-603A-6	Sequence 6, Appl
30	214	48.0	99	1	US-08-202-389-36	Sequence 16, Appl
31	214	48.0	996	2	US-09-006-675-2	Sequence 2, Appl
32	214	48.0	496	4	US-09-228-603A-2	Sequence 2, Appl
33	212	47.5	33	2	US-08-479-078-2	Sequence 2, Appl
34	212	47.5	98	2	US-08-479-078-3	Sequence 3, Appl
35	212	47.5	529	4	US-08-426-509A-15	Sequence 15, Appl
36	212	47.5	529	5	PCT-US95-05008-15	Sequence 15, Appl
37	212	47.5	543	4	US-08-426-509A-14	Sequence 14, Appl
38	212	47.5	543	5	PCT-US95-05008-14	Sequence 14, Appl
39	210	47.1	99	1	US-08-202-389-35	Sequence 35, Appl
40	210	47.1	107	1	US-08-202-389-32	Sequence 32, Appl
41	206	46.2	96	1	US-08-167-035-41	Sequence 41, Appl
42	206	46.2	96	1	US-08-208-887A-41	Sequence 41, Appl
43	206	46.2	96	2	US-08-539-005-41	Sequence 38, Appl
44	206	46.2	96	4	US-09-280-598-38	Sequence 4, Appl
45	206	46.2	98	2	US-08-479-078-4	

## ALIGNMENTS

RESULT 1  
US-08-479-078-7  
Sequence 7, Application US/08479078  
Patent No. 5814466  
GENERAL INFORMATION:  
APPLICANT: Pawsen, Anthony  
TITLE OF INVENTION: Method for Assaying for a Substance that  
Affects an SH2-Phosphorylated Ligand Regulatory System  
NUMBER OF SEQUENCES: 27  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Bereskin & Parr  
STREET: 40 King Street, West  
CITY: Toronto  
STATE: Ontario  
COUNTRY: Canada  
ZIP: M5H 3Y2  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/479, 078  
FILING DATE: June 6, 1995  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Linda W. Kutzdyk  
REGISTRATION NUMBER: 34,971  
REFERENCE/DOCKET NUMBER: 3153-154  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (416) 364-7311  
TELEFAX: (416) 361-1398  
INFORMATION FOR SEQ ID NO: 7:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 98 amino acids  
TYPE: amino acid  
STRANDEDNESS: not relevant  
TOPOLOGY: not relevant  
MOLECULE TYPE: peptide  
US-08-479-078-7  
Query Match 57.0%; Score 254; DB 2; Length 98;  
Best Local Similarity 57.8%; Pred. No. 5.8e-27;  
Matches 48; Conservative 13; Mismatches 22; Indels 0; Gaps 0;  
QY 1 WLVEGLSRKAEELLPGNPGCAFILRESQTRGSLSVRLSPASMDRIHYRIHCL 60  
DB 1 WPFKGISRDABRQLAAGNMLGSFWRISRTGYSLSVRYDPPROGDTVKYKIRTL 60  
QY 61 DNGWLXISPLTFLPSLQALVDHY 83

Db 61 DNGFYISPRSTFTLQELVDHY 83

## RESULT 2

US-08-426-509A-17  
Sequence 17, Application US/08426509A

Patent No. 6326469

GENERAL INFORMATION:

APPLICANT: Ulirich, Axel

APPLICANT: Gishizsky, Mikhail

APPLICANT: Sures, Irman G

TITLE OF INVENTION: NOVEL MEGAKARYOCYTIC PROTEIN

TITLE OF INVENTION: TYROSINE KINASES

NUMBER OF SEQUENCES: 21

CORRESPONDENCE ADDRESS:

ADDRESSEE: Pennie & Edmonds

STREET: 1155 Avenue of the Americas

CITY: New York,

STATE: NY

COUNTRY: USA

ZIP: 10036-2711

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette

COMPUTER: IBM Compatible

OPERATING SYSTEM: DOS

SOFTWARE: FastSeq Version 2.0

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/426,509A

FILING DATE: 21-APR-1995

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/232,545

FILING DATE:

ATTORNEY/AGENT INFORMATION:

NAME: Coruzzi, Laura A

REGISTRATION NUMBER: 30,742

REFERENCE/DOCKET NUMBER: 7683-0074-999

TELECOMMUNICATION INFORMATION:

TELEPHONE: 212-790-9090

TELEFAX: 212-869-9741

TELEX: 66141 PENNIE

INFORMATION FOR SEQ ID NO: 17:

SEQUENCE CHARACTERISTICS:

LENGTH: 505 amino acids

TYPE: amino acid

STRANDEDNESS: unknown

TOPOLOGY: unknown

US-08-426-509A-17

Query Match 57.0%; Score 254; DB 4; Length 505;

Best Local Similarity 57.8%; Pred. No. 5,2e-26;

Matches 48; Conservative 13; Mismatches 22; Indels 0; Gaps 0;

Qy 1 WYEGLSREKAEELLPGNPGAFILRESQTRGSYSLSVRLSPASMDIRYRIHCL 60

Db 123 WFKGISRKDAERQLAPGNMGLSPMIRSETTKGSYSLSVRYDYPGQDTVKYKIRTL 182

Qy 61 DNGMLYISPRFTFSLQALVDHY 83

Db 183 DNGFYISPRSTFTLQELVDHY 205

## RESULT 3

PCT-US95-05008-17

Sequence 17, Application PC/TUS9505008

GENERAL INFORMATION:

APPLICANT: Sugen, Inc.

APPLICANT: 515 Galveston Drive

APPLICANT: Redwood City, California 94063-4720

APPLICANT: United States of America

APPLICANT: Wisenbecht E.V.

APPLICANT: Hofgarten Str. 2

APPLICANT: München 80539

APPLICANT: Germany

TITLE OF INVENTION: Novel Megakaryocytic Protein Tyrosine

TITLE OF INVENTION: Kinases

NUMBER OF SEQUENCES: 21

CORRESPONDENCE ADDRESS:

ADDRESSEE: Pennie & Edmonds

STREET: 1155 Avenue of the Americas

CITY: New York

STATE: New York

COUNTRY: U.S.A.

ZIP: 10036

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: PCT/US95/05008

FILING DATE: 24-APR-1995

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/232,545

FILING DATE: 22-APR-1994

CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:

NAME: Coruzzi, Laura A.

REGISTRATION NUMBER: 30,742

REFERENCE/DOCKET NUMBER: 7683-074

TELECOMMUNICATION INFORMATION:

TELEPHONE: (212)790-9090

TELEFAX: (212)869-9741

TELEX: 66141 PENNIE

INFORMATION FOR SEQ ID NO: 17:

SEQUENCE CHARACTERISTICS:

LENGTH: 505 amino acids

TYPE: amino acid

STRANDEDNESS: unknown

TOPOLOGY: unknown

MOLECULE TYPE: protein

PCT-US95-05008-17

Query Match 57.0%; Score 254; DB 5; Length 505;

Best Local Similarity 57.8%; Pred. No. 5,2e-26;

Matches 48; Conservative 13; Mismatches 22; Indels 0; Gaps 0;

Qy 1 WYEGLSREKAEELLPGNPGAFILRESQTRGSYSLSVRLSPASMDIRYRIHCL 60

Db 123 WFKGISRKDAERQLAPGNMGLSPMIRSETTKGSYSLSVRYDYPGQDTVKYKIRTL 182

Qy 61 DNGMLYISPRFTFSLQALVDHY 83

Db 183 DNGFYISPRSTFTLQELVDHY 205

## RESULT 4

US-08-479-078-6

Sequence 6, Application US/08479078

Patent No. 5814466

GENERAL INFORMATION:

APPLICANT: Pawson, Anthony

TITLE OF INVENTION: Method for Assaying for a Substance that

TITLE OF INVENTION: Affects an SH2-Phosphorylated Ligand Regulatory System

NUMBER OF SEQUENCES: 27

CORRESPONDENCE ADDRESS:

ADDRESSEE: Bereskin & Parr

STREET: 40 King Street, West

CITY: Toronto

STATE: Ontario

COUNTRY: Canada

ZIP: M5H 3Y2

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/479,078  
FILING DATE: June 6, 1995  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Linda M. Kurdydyk  
REGISTRATION NUMBER: 34,971  
REFERENCE/DOCKET NUMBER: 3153-154  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (416) 364-7311  
TELEFAX: (416) 361-1398  
INFORMATION FOR SEQ ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 98 amino acids  
TYPE: amino acid  
STRANDEDNESS: not relevant  
TOPOLOGY: not relevant  
MOLECULE TYPE: peptide  
US-08-479-078-6

Query Match 54.7%; Score 244; DB 2; Length 98;  
Best Local Similarity 55.4%; Pred. No. 1.3e-25;  
Matches 46; Conservative 13; Mismatches 24; Indels 0; Gaps 0;

Qy 1 WLYGSRKREKAEILLPGNGGAFILRSQTRRGYSYLSVRSPASMDRIHRYHCL 60  
Db 1 WFKDITRKDAERQLAPGNSAGAFILRSSETLKGPSLSVRDPDVHGVKHYKIRSL 60  
Qy 61 DNGMLYISPRITFPCISDMIKHY 83  
Db 61 DNGGYIISPRITFPCISDMIKHY 83

RESULT 5  
US-08-426-509A-16  
Sequence 16, Application US/08426509A  
Patent No. 6326469  
GENERAL INFORMATION:  
APPLICANT: Ullrich, Axel  
APPLICANT: Gishizeky, Mikhail  
APPLICANT: Sures, Itan G.  
TITLE OF INVENTION: NOVEL MEGAKARYOCYTIC PROTEIN  
TITLE OF INVENTION: TYROSINE KINASES  
NUMBER OF SEQUENCES: 21  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Pennie & Edmonds  
STREET: 1155 Avenue of the Americas  
CITY: New York,  
STATE: NY  
COUNTRY: USA  
ZIP: 10036-2711  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/426,509A  
FILING DATE: 21-APR-1995  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/232,545  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Coruzzi, Laura A.  
REGISTRATION NUMBER: 30,742  
REFERENCE/DOCKET NUMBER: 7683-0074-999  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 212-790-9090  
TELEFAX: 212-869-9741

TELEX: 66141 PENNIE  
INFORMATION FOR SEQ ID NO: 16:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 512 amino acids  
TYPE: amino acid  
STRANDEDNESS: unknown  
TOPOLOGY: unknown  
MOLECULE TYPE: No. 6326469e  
US-08-426-509A-16

Query Match 54.3%; Score 242; DB 4; Length 512;  
Best Local Similarity 54.2%; Pred. No. 2.2e-24;  
Matches 45; Conservative 14; Mismatches 24; Indels 0; Gaps 0;

Qy 1 WLYGSRKREKAEILLPGNGGAFILRSQTRRGYSYLSVRSPASMDRIHRYHCL 60  
Db 129 WFKDITRKDAERQLAPGNSAGAFILRSSETLKGPSLSVRDPDVHGVKHYKIRSL 188  
Qy 61 DNGMLYISPRITFPCISDMIKHY 83  
Db 189 DNGGYIISPRITFPCISDMIKHY 211

RESULT 6  
PCT-US95-05008-16  
Sequence 16, Application PC/TUS9505008  
GENERAL INFORMATION:  
APPLICANT: Sugen, Inc.  
APPLICANT: 515 Galveston Drive  
APPLICANT: Redwood City, California 94063-4720  
APPLICANT: United States of America  
APPLICANT: Wissenschaften B.V.  
APPLICANT: Hofgarten Str. 2  
APPLICANT: Munchen 80539  
TITLE OF INVENTION: Novel Megakaryocytic Protein Tyrosine  
TITLE OF INVENTION: Kinases  
NUMBER OF SEQUENCES: 21  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Pennie & Edmonds  
STREET: 1155 Avenue of the Americas  
CITY: New York  
STATE: New York  
COUNTRY: U.S.A.  
ZIP: 10036  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US95/05008  
FILING DATE: 24-APR-1995  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/232,545  
FILING DATE: 22-APR-1994  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Coruzzi, Laura A.  
REGISTRATION NUMBER: 30,742  
REFERENCE/DOCKET NUMBER: 7683-074  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212)790-9090  
TELEFAX: (212)869-9741  
TELEX: 66141 PENNIE  
INFORMATION FOR SEQ ID NO: 16:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 512 amino acids  
TYPE: amino acid  
STRANDEDNESS: unknown  
TOPOLOGY: unknown  
MOLECULE TYPE: protein

PCR-US95-05008-16

Query Match 54.3%; Score 242; DB 5; Length 512;  
Best Local Similarity 54.2%; Pred. No. 2,2e-24;  
Matches 45; Conservative 14; Mismatches 24; Indels 0; Gaps 0;

QY 1 WLYEGLSRKAEELLLPGNPGAFILRESQTRGSSYSLSVRLSPASMDRIHRIHCL 60  
DB 129 WFKDITRKDAERQQLAPGNSAGAFILRESETLKGSFSLSYRDFDPVHGVDVIRKXIRSL 188  
QY 61 DNGWLYISPRITPPSLQALVDHY 83  
DB 189 DNGGYISPRITPPCISDMIKHY 211

RESULT 7  
US-08-479-078-5  
; Sequence 5, Application US/08479078  
; Patent No. 5814466

GENERAL INFORMATION:  
APPLICANT: Pawsen, Anthony  
TITLE OF INVENTION: Method for Assaying for a Substance that  
Affects an SH2-Phosphorylated Ligand Regulatory System  
NUMBER OF SEQUENCES: 27  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Bereskin & Parr  
STREET: 40 King Street, West  
CITY: Toronto  
STATE: Ontario  
COUNTRY: Canada  
ZIP: M5H 3Y2  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/479,078  
FILING DATE: June 6, 1995  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Linda M. Kurdzydk  
REGISTRATION NUMBER: 34,971  
REFERENCE/DOCKET NUMBER: 3153-154  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (416) 364-7311  
TELEFAX: (416) 361-1398  
INFORMATION FOR SEQ ID NO: 5:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 98 amino acids  
TYPE: amino acid  
STRANDEDNESS: not relevant  
TOPOLOGY: not relevant  
MOLECULE TYPE: peptide  
US-08-479-078-5

Query Match 51.1%; Score 228; DB 2; Length 98;  
Best Local Similarity 55.4%; Pred. No. 1.9e-23;  
Matches 46; Conservative 11; Mismatches 26; Indels 0; Gaps 0;

QY 1 WLYEGLSRKAEELLLPGNPGAFILRESQTRGSSYSLSVRLSPASMDRIHRIHCL 60  
DB 1 WFKNLSRKDAERQQLAPGNTGHSFLIRSESTAGSFLSVYRDFDQNGEVIRKXIRNL 60  
QY 61 DNGWLYISPRITPPSLQALVDHY 83  
DB 61 DNGGYISPRITPPGLHLDVIRHY 83

RESULT 8  
US-08-975-040-22  
; Sequence 22, Application US/08975040  
; Patent No. 6251620

GENERAL INFORMATION:

APPLICANT: HATADA, MARCOS  
APPLICANT: LU, XIADDE  
APPLICANT: LAIRD, ELLEN  
APPLICANT: KARAS, JENNIFER  
APPLICANT: ZOLLER, MARK  
APPLICANT: HOLT, DENNIS  
TITLE OF INVENTION: MACHINE READABLE STORAGE MEDIUM RELATING  
TO ZAP-FAMILY PROTEINS  
NUMBER OF SEQUENCES: 25  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: DAVID L. BERSTEIN, ARIAD PHARMACEUTICALS,  
INC.  
STREET: 26 LANDSDOWNE STREET  
CITY: CAMBRIDGE  
STATE: MA  
COUNTRY: US  
ZIP: 02139  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/975,040  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/605,578  
FILING DATE: 22-FEB-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: BERSTEIN, DAVID L.  
REGISTRATION NUMBER: 31,235  
REFERENCE/DOCKET NUMBER: ARIAD 347F  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 617-494-1828  
TELEFAX: 617-494-1828  
INFORMATION FOR SEQ ID NO: 22:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 98 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
FRAGMENT TYPE: internal  
US-08-975-040-22

Query Match 51.1%; Score 228; DB 4; Length 98;  
Best Local Similarity 54.2%; Pred. No. 1.9e-23;  
Matches 45; Conservative 12; Mismatches 26; Indels 0; Gaps 0;

QY 1 WLYEGLSRKAEELLLPGNPGAFILRESQTRGSSYSLSVRLSPASMDRIHRIHCL 60  
DB 1 WFKNLSRKDAERQQLAPGNTGHSFLIRSESTAGSFLSVYRDFDQNGEVIRKXIRNL 60  
QY 61 DNGWLYISPRITPPSLQALVDHY 83  
DB 61 DNGGYISPRITPPGLHLDVIRHY 83

RESULT 9  
US-08-574-959A-5  
; Sequence 5, Application US/08574959A  
; Patent No. 5962224

GENERAL INFORMATION:  
APPLICANT: Jaekyoon Shin, Insi Young, Ratna K. Vadlamudi  
APPLICANT: and Jack L. Strominger  
TITLE OF INVENTION: p62 POLYPEPTIDES, RELATED POLYPEPTIDES  
AND USES THEREFOR  
NUMBER OF SEQUENCES: 22  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: LAHIVE & COCKFIELD  
STREET: 60 State Street, Suite 510

/? CITY: Boston  
/? STATE: Massachusetts  
/? COUNTRY: USA  
/? ZIP: 02109-1875  
/? COMPUTER READABLE FORM:  
/? MEDIUM TYPE: Floppy disk  
/? COMPUTER: IBM PC compatible  
/? OPERATING SYSTEM: PC-DOS/MS-DOS  
/? SOFTWARE: Patentin Release #1.0, Version #1.25  
/? CURRENT APPLICATION DATA:  
/? APPLICATION NUMBER: US/08/574,959A  
/? FILING DATE: 19-DEC-95  
/? ATTORNEY/AGENT INFORMATION:  
/? NAME: Mandragouras, Amy E.  
/? REGISTRATION NUMBER: 36,207  
/? REFERENCE/DOCKET NUMBER: DFN-008  
/? TELECOMMUNICATION INFORMATION:  
/? TELEPHONE: (617)227-7400  
/? TELEFAX: (617)227-5941  
/? INFORMATION FOR SEQ ID NO: 5:  
/? SEQUENCE CHARACTERISTICS:  
/? LENGTH: 101 amino acids  
/? TYPE: amino acid  
/? TOPOLOGY: linear  
/? MOLECULE TYPE: peptide  
/? FRAGMENT TYPE: internal  
/? US-08-574-959A-5

Query Match 51.1%; Score 228; DB 2; Length 101;  
Best Local Similarity 54.2%; Pred. No. 2e-23;  
Matches 45; Conservative 12; Mismatches 26; Indels 0; Gaps 0;

Qy 1 WVEGLSRKAEELLPGNPGAFPIRESOTRGSYSLVRLSRPAMDRIRHYRHC 60  
Db 1 WFFNLSRKDAERQLAPGNTHGSFLIRSESTAGSFLSVDPDQNGEVVYKHKIRNL 60

Qy 61 DNGWLISPRITFPGLALVDHY 83  
Db 61 DNGGFYISPRITFPGLHVLVHY 83

RESULT 10  
US-09-357-014-5  
/? Sequence 5, Application US/09357014  
/? Patent No. 6231645  
/? GENERAL INFORMATION:  
/? APPLICANT: Jaekyoon Shin, Insil Young, Ratna K. Vadlamudi  
/? and Jack L. Strominger  
/? TITLE OF INVENTION: p52 POLYPEPTIDES, RELATED POLYPEPTIDES  
/? AND USES THEREFOR  
/? NUMBER OF SEQUENCES: 22  
/? CORRESPONDENCE ADDRESS:  
/? ADDRESSES: LAHIVE & COCKFIELD  
/? STREET: 60 State Street, Suite 510  
/? CITY: Boston  
/? STATE: Massachusetts  
/? COUNTRY: USA  
/? ZIP: 02109-1875  
/? COMPUTER READABLE FORM:  
/? MEDIUM TYPE: Floppy disk  
/? COMPUTER: IBM PC compatible  
/? OPERATING SYSTEM: PC-DOS/MS-DOS  
/? SOFTWARE: Patentin Release #1.0, Version #1.25  
/? CURRENT APPLICATION DATA:  
/? APPLICATION NUMBER: US/09/357,014  
/? FILING DATE: 19-Jul-1999  
/? PRIOR APPLICATION DATA:  
/? APPLICATION NUMBER: 08/574,959  
/? FILING DATE: unknown  
/? ATTORNEY/AGENT INFORMATION:  
/? NAME: Mandragouras, Amy E.  
/? REGISTRATION NUMBER: 36,207  
/? REFERENCE/DOCKET NUMBER: DFN-008

/? TELECOMMUNICATION INFORMATION:  
/? TELEPHONE: (617)227-7400  
/? TELEFAX: (617)227-5941  
/? INFORMATION FOR SEQ ID NO: 5:  
/? SEQUENCE CHARACTERISTICS:  
/? LENGTH: 101 amino acids  
/? TYPE: amino acid  
/? TOPOLOGY: linear  
/? MOLECULE TYPE: peptide  
/? FRAGMENT TYPE: internal  
/? SEQUENCE DESCRIPTION: SEQ ID NO: 5:  
/? US-09-357-014-5

Query Match 51.1%; Score 228; DB 4; Length 101;  
Best Local Similarity 54.2%; Pred. No. 2e-23;  
Matches 45; Conservative 12; Mismatches 26; Indels 0; Gaps 0;

Qy 1 WVEGLSRKAEELLPGNPGAFPIRESOTRGSYSLVRLSRPAMDRIRHYRHC 60  
Db 1 WFFNLSRKDAERQLAPGNTHGSFLIRSESTAGSFLSVDPDQNGEVVYKHKIRNL 60

Qy 61 DNGWLISPRITFPGLALVDHY 83  
Db 61 DNGGFYISPRITFPGLHVLVHY 83

RESULT 11  
PCT-US94-01840-6  
/? Sequence 6, Application PC/TUS9401840  
/? GENERAL INFORMATION:  
/? APPLICANT: Christopher E. Rudd  
/? APPLICANT: Prasad Kanteci  
/? APPLICANT: Lewis Cantley  
/? TITLE OF INVENTION: CD4 MEDIATED MODULATION OF  
/? NUMBER OF SEQUENCES: 13  
/? CORRESPONDENCE ADDRESS:  
/? ADDRESSES: Fish & Richardson  
/? STREET: 225 Franklin Street  
/? CITY: Boston  
/? STATE: Massachusetts  
/? COUNTRY: U.S.A.  
/? ZIP: 02110-2804  
/? COMPUTER READABLE FORM:  
/? MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
/? COMPUTER: IBM PS/2 Model 50Z or 55SX  
/? OPERATING SYSTEM: MS-DOS (Version 5.0)  
/? SOFTWARE: Wordperfect (Version 5.1)  
/? CURRENT APPLICATION DATA:  
/? APPLICATION NUMBER: PCT/US94/01840  
/? FILING DATE:  
/? CLASSIFICATION:  
/? PRIOR APPLICATION DATA:  
/? APPLICATION NUMBER: US 08/023,915  
/? FILING DATE: February 26, 1993  
/? ATTORNEY/AGENT INFORMATION:  
/? NAME: Janis K. Frazer  
/? REGISTRATION NUMBER: 34,819  
/? REFERENCE/DOCKET NUMBER: 00530/063001  
/? TELECOMMUNICATION INFORMATION:  
/? TELEPHONE: (617) 542-5070  
/? TELEFAX: (617) 542-8906  
/? TELEX: 200154  
/? INFORMATION FOR SEQ ID NO: 6:  
/? SEQUENCE CHARACTERISTICS:  
/? LENGTH: 108  
/? TYPE: amino acid  
/? STRANDEDNESS:  
/? TOPOLOGY: linear  
/? PCT-US94-01840-6

Query Match 51.1%; Score 228; DB 5; Length 108;  
Best Local Similarity 54.2%; Pred. No. 2.2e-23;

Matches 45; Conservative 12; Mismatches 26; Indels 0; Gaps 0;

QY 1 WYEGLSREKAEELLIPGNPGAFILRESQTRGYSLSVRLSPASMDRIRYRHC 60

Db 1 WFKNLRSKDAERQLAPGNTHGSFLIRESESTAGSFSLVDPDONGEVVVKYKIRNL 60

QY 61 DNGMLYISPRITFPGLHVLVRYH 83

Db 61 DNGGFYISPRITFPGLHVLVRYH 83

#### RESULT 12

US-08-707-793A-6

; Sequence 6, Application US/08707793A

; Patent No. 5776696

; GENERAL INFORMATION:

; APPLICANT: SALOME, SCOTT P.

; TITLE OF INVENTION: A HIGH THROUGHPUT ASSAY USING

; NUMBER OF SEQUENCES: 17

; CORRESPONDENCE ADDRESS:

; ADDRESSER: Merck & Co., Inc.

; STREET: P.O. Box 2000, 126 E. Lincoln Ave.

; CITY: Rahway

; STATE: NJ

; COUNTRY: USA

; ZIP: 07065-0900

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Diskette

; OPERATING SYSTEM: DOS

; SOFTWARE: FASTSEQ for Windows Version 2.0

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/707,793A

; FILING DATE: 04-SEP-1996

; CLASSIFICATION: 435

; PRIORITY APPLICATION DATA:

; APPLICATION NUMBER:

; FILING DATE:

; ATTORNEY/AGENT INFORMATION:

; NAME: Camara, Valerie J

; REGISTRATION NUMBER: 35,090

; REFERENCE/DOCKET NUMBER: 19494

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 908-594-3902

; TELEFAX: 908-594-4720

; TELEX:

; INFORMATION FOR SEQ ID NO: 6:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 224 amino acids

; TYPE: amino acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: protein

; US-08-707-793A-6

Query Match 51.1%; Score 228; DB 1; Length 224;

Best Local Similarity 54.2%; Pred. No. 5.9e-23;

Matches 45; Conservative 12; Mismatches 26; Indels 0; Gaps 0;

QY 1 WYEGLSREKAEELLIPGNPGAFILRESQTRGYSLSVRLSPASMDRIRYRHC 60

Db 125 WFKNLRSKDAERQLAPGNTHGSFLIRESESTAGSFSLVDPDONGEVVVKYKIRNL 184

QY 61 DNGMLYISPRITFPGLHVLVRYH 83

Db 185 DNGGFYISPRITFPGLHVLVRYH 207

#### RESULT 13

US-08-707-792A-6

; Sequence 6, Application US/08707792A

; Patent No. 5783398

; GENERAL INFORMATION:

; APPLICANT: MARCY, ALICE

; APPLICANT: SALOME, SCOTT P.

; APPLICANT: MISNIEWSKI, DOUGLAS

; TITLE OF INVENTION: A HIGH THROUGHPUT ASSAY USING

; NUMBER OF SEQUENCES: 17

; CORRESPONDENCE ADDRESS:

; ADDRESSER: Merck & Co., Inc.

; STREET: P.O. Box 2000, 126 E. Lincoln Ave.

; CITY: Rahway

; STATE: NJ

; COUNTRY: USA

; ZIP: 07065-0900

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Diskette

; OPERATING SYSTEM: DOS

; SOFTWARE: FASTSEQ for Windows Version 2.0

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/707,792A

; FILING DATE: 04-SEP-1996

; CLASSIFICATION: 435

; PRIORITY APPLICATION DATA:

; APPLICATION NUMBER:

; FILING DATE:

; ATTORNEY/AGENT INFORMATION:

; NAME: Camara, Valerie J

; REGISTRATION NUMBER: 35,090

; REFERENCE/DOCKET NUMBER: 19524

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 908-594-3902

; TELEFAX: 908-594-4720

; TELEX:

; INFORMATION FOR SEQ ID NO: 6:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 224 amino acids

; TYPE: amino acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: protein

; US-08-707-792A-6

Query Match 51.1%; Score 228; DB 1; Length 224;

Best Local Similarity 54.2%; Pred. No. 5.9e-23;

Matches 45; Conservative 12; Mismatches 26; Indels 0; Gaps 0;

QY 1 WYEGLSREKAEELLIPGNPGAFILRESQTRGYSLSVRLSPASMDRIRYRHC 60

Db 125 WFKNLRSKDAERQLAPGNTHGSFLIRESESTAGSFSLVDPDONGEVVVKYKIRNL 184

QY 61 DNGMLYISPRITFPGLHVLVRYH 83

Db 185 DNGGFYISPRITFPGLHVLVRYH 207

#### RESULT 14

US-09-039-555B-17

; Sequence 17, Application US/09039555B

; Patent No. 6033856

; GENERAL INFORMATION:

; APPLICANT: Koerner, Kathrin

; APPLICANT: Mueller, Rolf

; APPLICANT: Sadlaczek, Hans-Harald

; TITLE OF INVENTION: PROMOTER OF THE CDC25B GENE, ITS

; NUMBER OF SEQUENCES: 19

; CORRESPONDENCE ADDRESS:

; ADDRESSER: Foley & Lardner

; STREET: 3000 K Street, N.W., Suite 500

; CITY: Washington

; STATE: D.C.

; COUNTRY: USA

ZIP: 20007-5109  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent Release #1.0, Version #1.30  
CURRENT APPLICATION NUMBER: US/09/039,555B  
FILING DATE: 16-MAR-1998  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: DE 19710643.9  
FILING DATE: 14-MAR-1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Bent, Stephen A.  
REGISTRATION NUMBER: 29,768  
REFERENCE/DOCKET NUMBER: 016779/0131  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202) 672-5300  
TELEFAX: (202) 672-5399  
TELEX: 904136  
INFORMATION FOR SEQ ID NO: 17:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 509 amino acids  
TYPE: amino acid  
STRANDEDNESS:  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-09-039-555B-17

Query Match 51.1%; Score 228; DB 3; Length 509;  
Best Local Similarity 54.2%; Pred. No. 1.8e-22;  
Matches 45; Conservative 12; Mismatches 26; Indels 0; Gaps 0;

QY 1 WLYEGSRKAEELLPGNPGAFILRESOTRGSYSLVRLSRPASMDIRRHRIHCL 60  
DB 127 WFKNLSRKDAERQLAPGNTHSGFLIRSESTAGSFSLVRDPDNGEYVVKIKIRNL 186

QY 61 DNGWLYISPRLLTFPSQLALVDHY 83  
DB 187 DNGGFYISPRITFPLHVLVRYH 209

RESULT 15  
US-08-426-509A-18  
Sequence 18, Application US/08426509A  
Patent No. 6326469  
GENERAL INFORMATION:  
APPLICANT: Ullrich, Axel  
APPLICANT: Gishizky, Mikhail  
APPLICANT: Sures, Irman G.  
TITLE OF INVENTION: NOVEL MEGAKARYOCYTIC PROTEIN  
TITLE OF INVENTION: TYROSINE KINASES  
NUMBER OF SEQUENCES: 21  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Pennie & Edmonds  
STREET: 1155 Avenue of the Americas  
CITY: New York,  
STATE: NY  
COUNTRY: USA  
ZIP: 10036-2711  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/426,509A  
FILING DATE: 21-APR-1995  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/232,545  
FILING DATE:

ATTORNEY/AGENT INFORMATION:  
NAME: Coruzzi, Laura A.  
REGISTRATION NUMBER: 30,742  
REFERENCE/DOCKET NUMBER: 7683-0074-999  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 212-790-9090  
TELEFAX: 212-869-9741  
TELEX: 66141 PENNIE  
INFORMATION FOR SEQ ID NO: 18:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 509 amino acids  
TYPE: amino acid  
STRANDEDNESS: unknown  
TOPOLOGY: unknown  
US-08-426-509A-18

Query Match 51.1%; Score 228; DB 4; Length 509;  
Best Local Similarity 54.2%; Pred. No. 1.8e-22;  
Matches 45; Conservative 12; Mismatches 26; Indels 0; Gaps 0;

QY 1 WLYEGSRKAEELLPGNPGAFILRESOTRGSYSLVRLSRPASMDIRRHRIHCL 60  
DB 127 WFKNLSRKDAERQLAPGNTHSGFLIRSESTAGSFSLVRDPDNGEYVVKIKIRNL 186

QY 61 DNGWLYISPRLLTFPSQLALVDHY 83  
DB 187 DNGGFYISPRITFPLHVLVRYH 209

Search completed: March 24, 2003, 15:52:36  
Job time: 6.78485 secs

